

Converting Colors

CIELCh(52, 39.962, 270.454)

Have a look what the booklet for
CIELCh(52, 39.962, 270.454)
contains.

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Color

CIELCh(52, 40.019, 270.769)

Conversions

Conversions Part 1

Format	Color
Hex	3F7FC0
RGB	63, 127, 192
RGB Percent	25%, 50%, 75%
CMY	0.7514, 0.5008, 0.2458
CMYK	0.67, 0.34, 0.00, 0.25
HSL	210°, 51%, 50%
HSV	210°, 67%, 75%
XYZ	19.2520, 20.1443, 52.9295
YIQ	115.2740, -59.0090, 6.6470

Conversions

Conversions Part 2

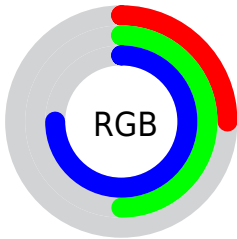
Format	Color
R _Y B	63, 106, 192
Decimal	4161472
CIE Lab	52.00, 0.54, -40.02
CIE LCh	52, 40.019, 270.769
Yxy	20.1443, 0.2085, 0.2182
Android (android.graphics.Color)	4282351552 (0xFF3F7FC0)
YUV	115.2740, 37.8259, -45.8443
Hunter-Lab	44.8824, -1.9778, -38.5026

Details

The CIELCh color **52, 40.019, 270.769** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **59, 48.105, 67.357**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 40.354, 271.046**, and **32, 39.238, 275.614** is the 20% darker color. If you saturate the color by 10%, you get **49, 45.691, 274.623**, and if you desaturate by 10%, it is **56, 34.317, 267.397**.

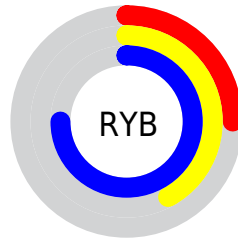
Distribution



Red (25%)

Green (50%)

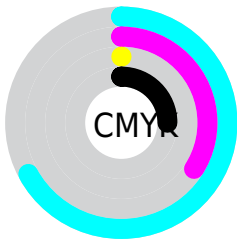
Blue (75%)



Red (25%)

Yellow (42%)

Blue (75%)

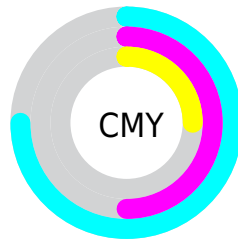


Cyan (67%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (75%)


Magenta (50%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 40.019, 270.769 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 40.019, 270.769 by changing the saturation by 10% instead.


 52, 40.019,
270.769


 52, 40.019,
270.769


 100, 40.019,
270.769


 42, 40.019,
270.769


 72, 40.019,
270.769

 32, 40.019,
270.769


 82, 40.019,
270.769

 22, 40.019,
270.769

 92, 40.019,
270.769

 12, 40.019,
270.769

 2, 40.019, 270.769

 0, 40.019, 270.769

■ 52, 40.019,
270.769

■ 52, 40.019,
270.769

■ 49, 45.691,
274.623

■ 56, 34.317,
267.397

■ 45, 51.419,
278.884

■ 59, 28.533,
264.506

■ 42, 57.296,
283.370

■ 63, 22.641,
262.059

■ 41, 59.089,
284.631

■ 67, 16.640,
260.002

■ 71, 10.545,
258.279

■ 75, 4.378, 256.862

■ 79, 1.837, 75.347

■ 83, 8.078, 74.437

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 40.019, 270.769



59, 48.105, 67.357

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 40.019, 270.769



52, 40.019, 320.769



52, 40.019, 90.769



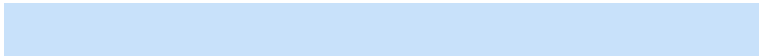
52, 40.019, 140.769

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 40.018, 270.770



88, 15.284, 258.810



70, 54.794, 155.780



46, 10.409, 259.295



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 40.018, 270.770



61, 58.571, 276.384



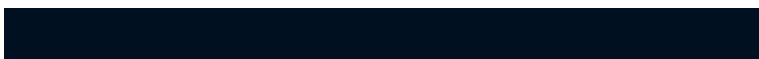
35, 78.719, 301.089



39, 3.544, 257.162



34, 51.028, 283.979



4, 12.881, 269.765

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 57.485, 352.275



57, 78.698, 355.822



76, 63.915, 104.150



38, 5.076, 344.619



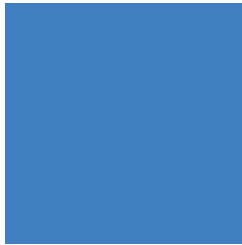
34, 59.999, 1.911



3, 15.793, 352.595

Previews

White Background



This preview shows how the CIE LCh color 52, 40.019, 270.769 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 40.019, 270.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

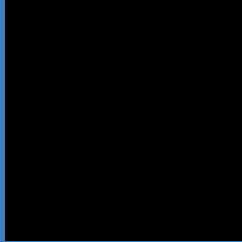
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 40.019, 270.769

Background



This preview shows how black text looks on a background with the CIELCh color 52, 40.019, 270.769.



This preview shows how white text looks on a background with the CIELCh color 52, 40.019, 270.769.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
52, 40.019, 270.769

Protanopia
52, 38.549, 285.507

Deuteranopia
52, 41.326, 280.743



Tritanopia
52, 27.907, 210.291

Trichromacy



Original Color
52, 40.019, 270.769

Protanomaly
52, 39.101, 279.760

Deuteranomaly
52, 40.663, 276.817

Tritanomaly
52, 28.267, 236.136

Monochromacy



Original Color
52, 40.019, 270.769

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 15.917, 261.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 40.019, 270.769 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(63, 127, 192)` looks like.

```
.text, #text, p{  
    color:rgb(63, 127, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(63, 127, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 127, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 40.019, 270.769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 127, 192) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(63, 127, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(63, 127, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 127, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 127, 192);  
box-shadow:4px 4px 4px 4px rgb(63, 127,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 40.019, 270.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 127, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(63, 127,  
192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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